

Method of Mössbauer spectrochronograms employing the principle of modulation of the magnetic hyperfine interaction

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Abstract

The possibilities of the method of Mössbauer spectrochronograms (MSCs) for studying dynamical processes in magnets under conditions of RF remagnetization of the magnets are studied theoretically. It is shown that unlike the standard Mössbauer spectra MCSs contain more detailed information about the character of the modulation of the hyperfine interaction and therefore about the behavior of the local magnetization. The region in which the method of MSCs is effective is determined by means of calculations. © 1990 Plenum Publishing Corporation.

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